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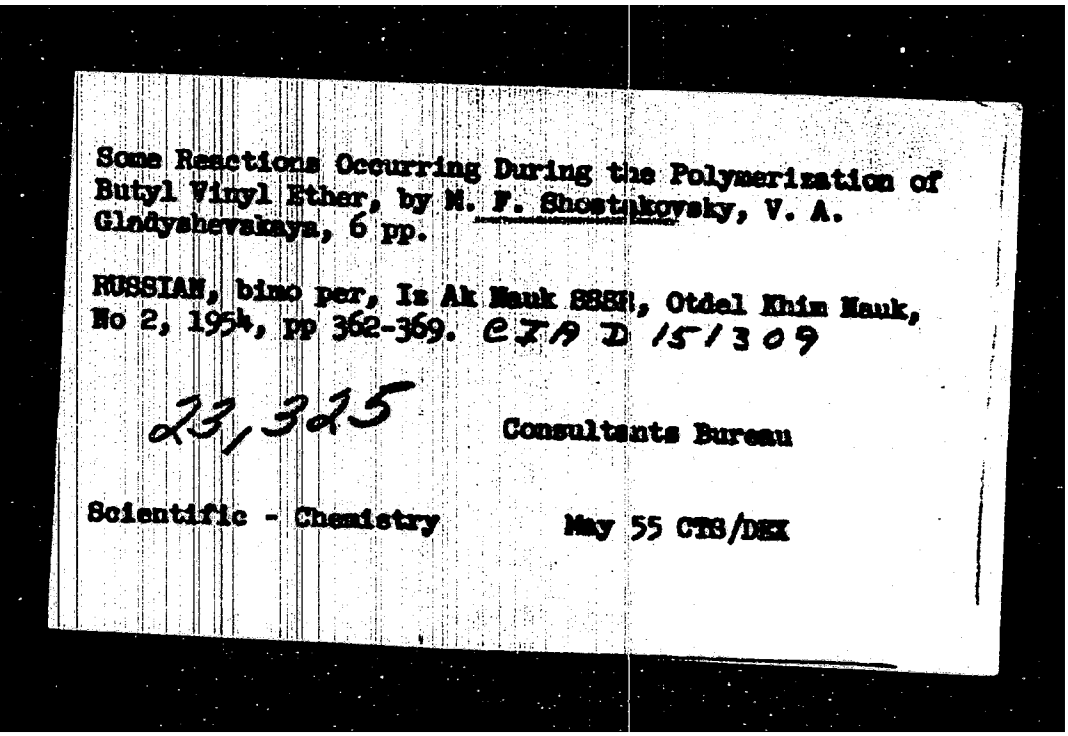

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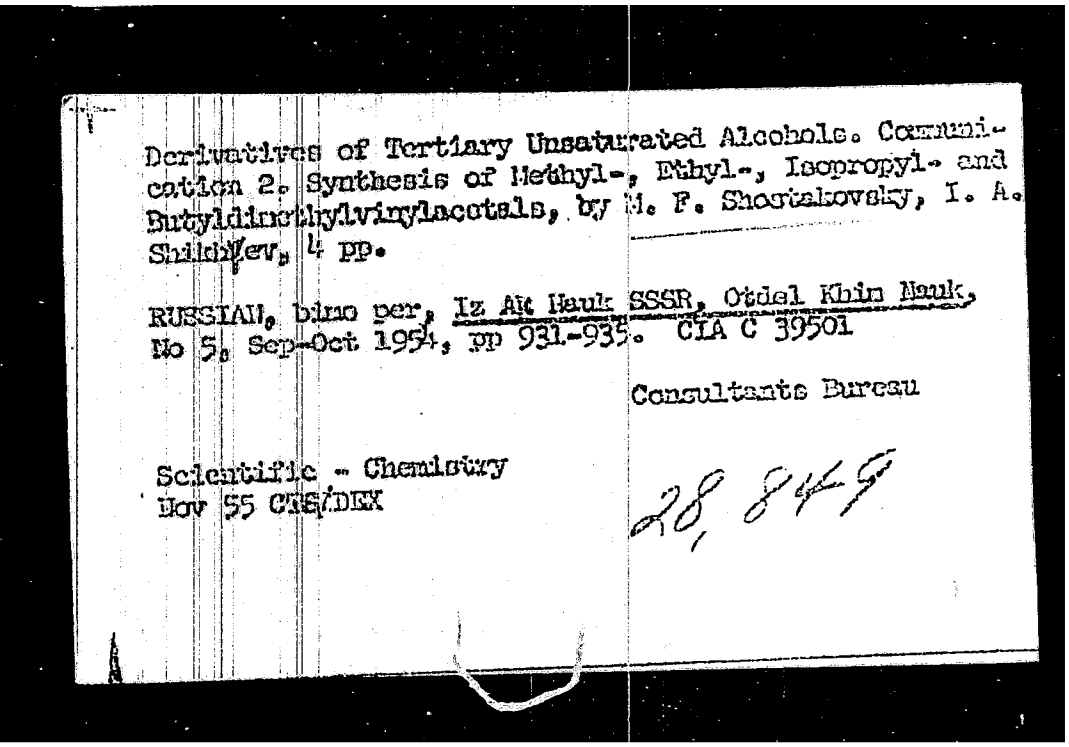

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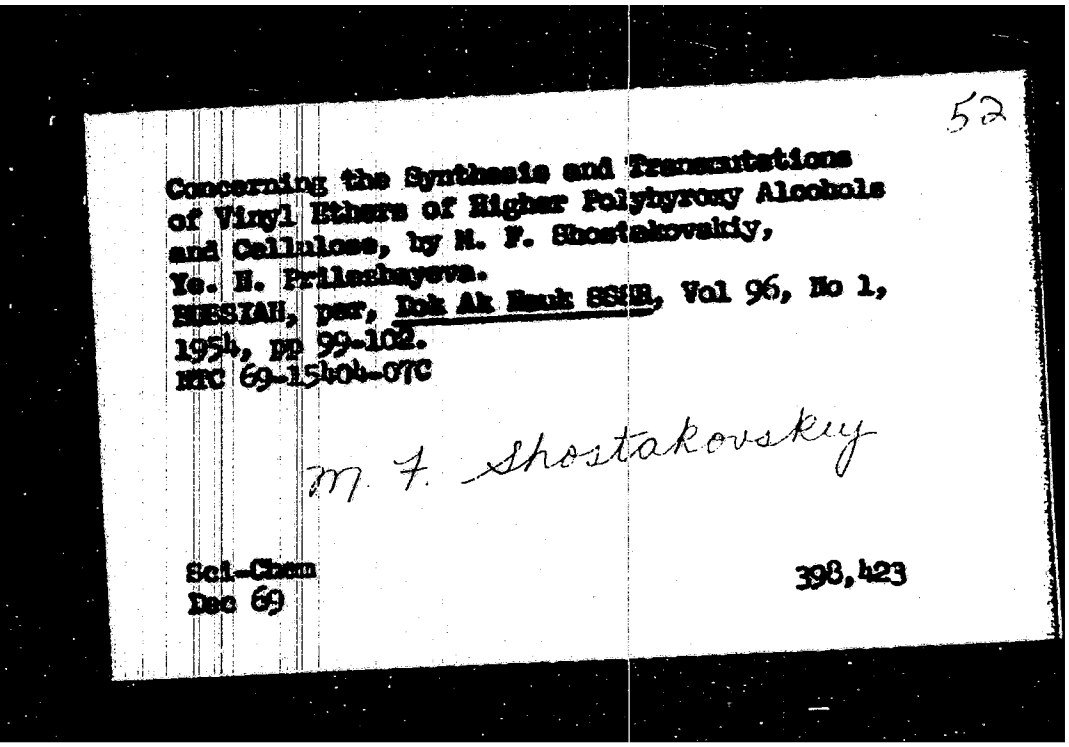

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Sci-Chem
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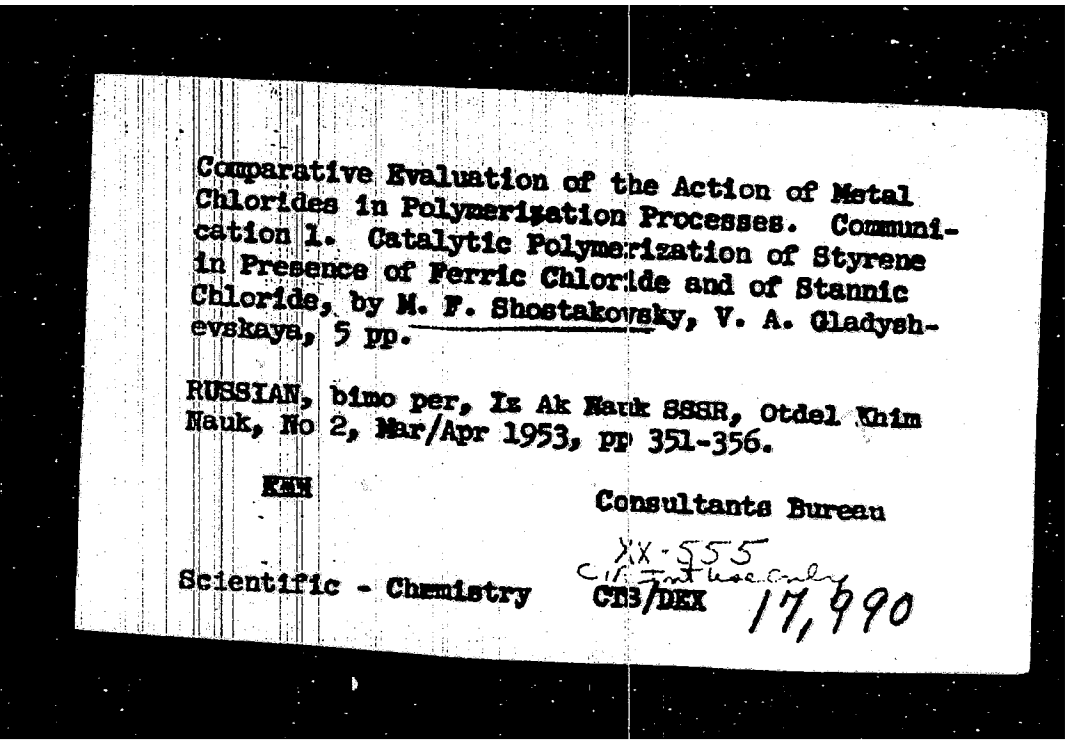

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Synthesis of Partial Acylals of Lactic Acid, by M. F. Shostakovsky, B. I. Mikhantyev, N. N. Ovchinnikova, V. A. Neterman, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 7, Jul 1953, USSR, pp 1167-1172.

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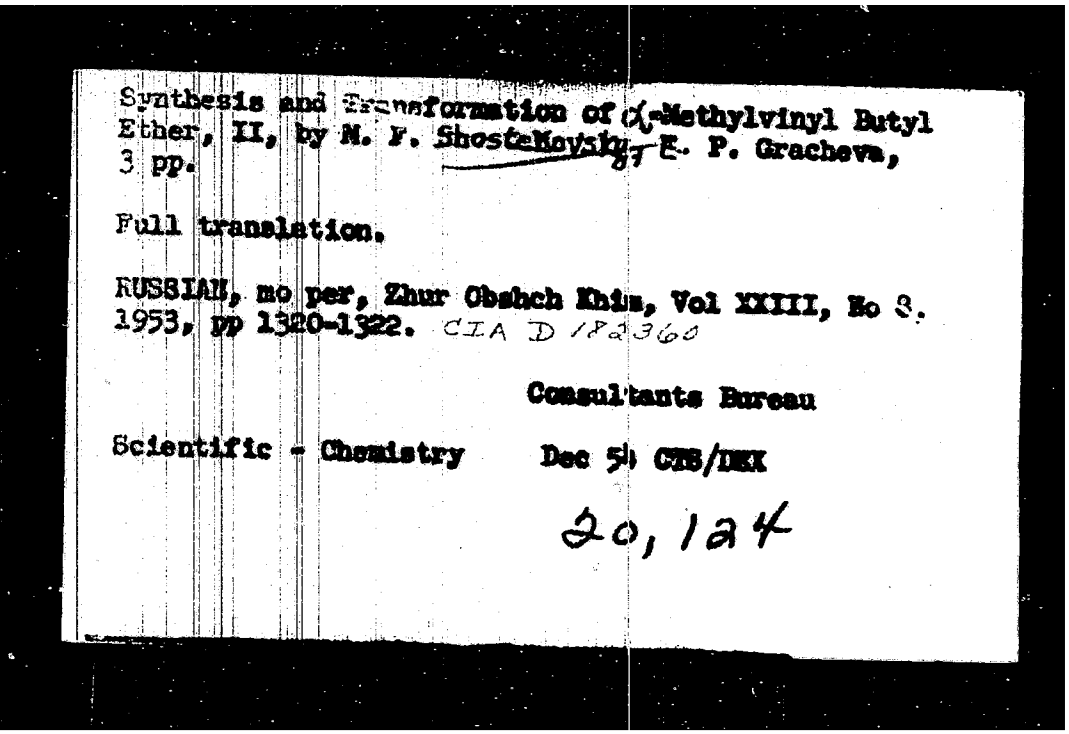

Synthesis and Transformation of α-Methylvinyl Butyl Ether, II, by M. F. Shostakovskii, E. P. Gracheva, 3 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 9, 1953, pp 1320-1322. CIA D 182360

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Synthesis of the Vinyl Ethers of Higher Fatty Alcohols, by M. F. Shostakovsky, B. I. Mikhantyev, V. A. Neterman, 3 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, May-Jun 1952, pp 484-488.

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Indirect Vinylation of Aliphatic Alcohols, by M. F. Shostakovsky, B. I. Mikhantyev, N. N. Ovchinnikova, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, Nov-Dec 1953, pp 1099-1104.

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Researches on Acetylenic Alcohols and Glycols. II. Synthesis of Mono- and Di-Acetals of Tetramethylbutindiol, 4 pp. by M. F. Shostakovsky, A. V. Bogdanova

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Synthesis of Acetals of Ethylene Glycol, by M. F. Shostakovskiy, N. A. Gershtein, Z. S. Volkova.

RUSSIAN, mo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1952, pp 671-681.

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Synthesis of Sulfur Compounds by the Aid of Vinyl Ethers. Communication 5. Some New α,β'- and β,β'-Dialkoxy Derivatives of Diethyl Sulfide, by E.N. Prilezhaeva, E.S. Shapiro, M. F. Shostakovsky, 5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, May-Jun 1952, pp 478-483.

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Synthesis and Properties of 1-Alkoxyethyl Esters of Unsaturated Carboxylic Acids ("Acylals"), by M. F. Shostakovsky, N. A. Gershtein, Ya. L. Raskin, L. E. Ostroumova, 6 pp.

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The Adsorption Method of Separating Caffeine, by N. A. Izmailov, Yu. V. Shosterko, and V. D. Bezugli, 11 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXV, No 5, May 1952, pp 543-552.

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Synthesis and Properties of the Polymer of Vinylethyl Ether, by M. F. Shostakovsky, F. P. Sidelkovskaya, V. A. Gladyshevskaya, 2 pp.

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A-3239

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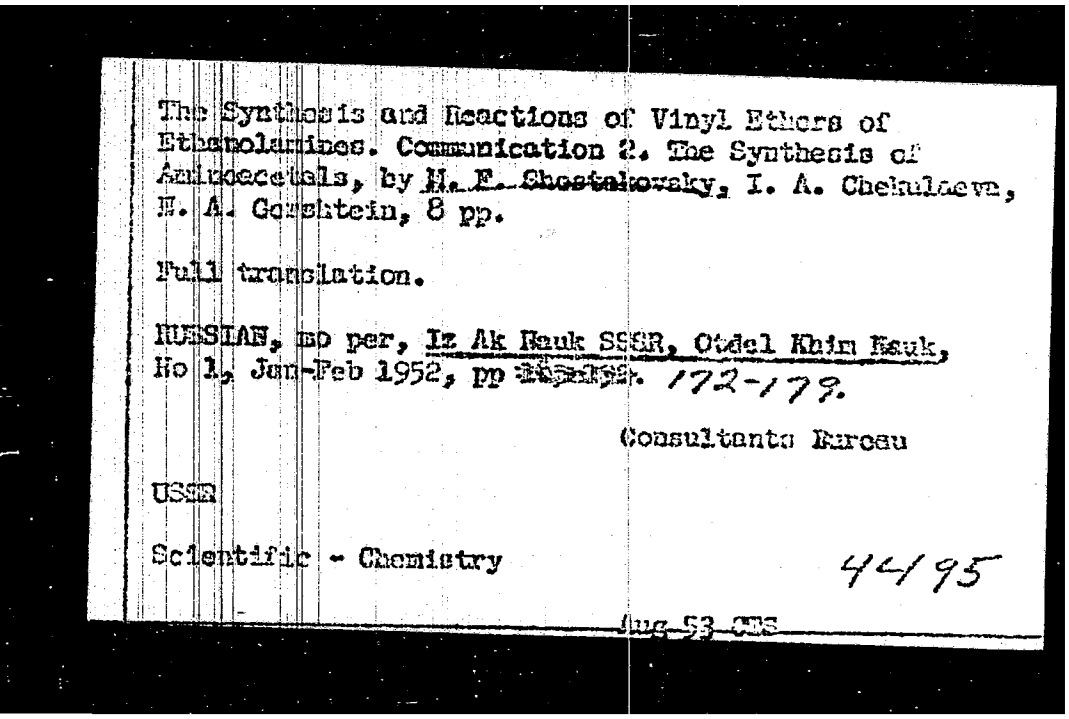

The Synthesis and Reactions of Vinyl Ethers of Ethanolamines. Communication 2. The Synthesis of Aminoacetals, by M. F. Shostakovsky, I. A. Chekulaeva, M. A. Gorshtein, 8 pp.

Full translation.

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Shostakovskii, M. F. and Tyupaev, P. V.
THE VINYLATION OF ETHYLENE GLYCOL. [1961]
4p.
Order from ATS $6.25 ATS-30N57R

Trans. of Akademiya Nauk SSSR. Institut Organicheskoi Khimii. Sintezy Organicheskikh Soedinenii, 1952, v. 2, p. 39-43.

DESCRIPTORS: *Vinyl radicals, *Ethylenes, Glycols.

(Chemistry--Organic, TT, v. 7, no. 10)

62-12355

I. Shostakovskii, M. F.
II. Tyupaev, P. V.
III. ATS-30N57R
IV. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

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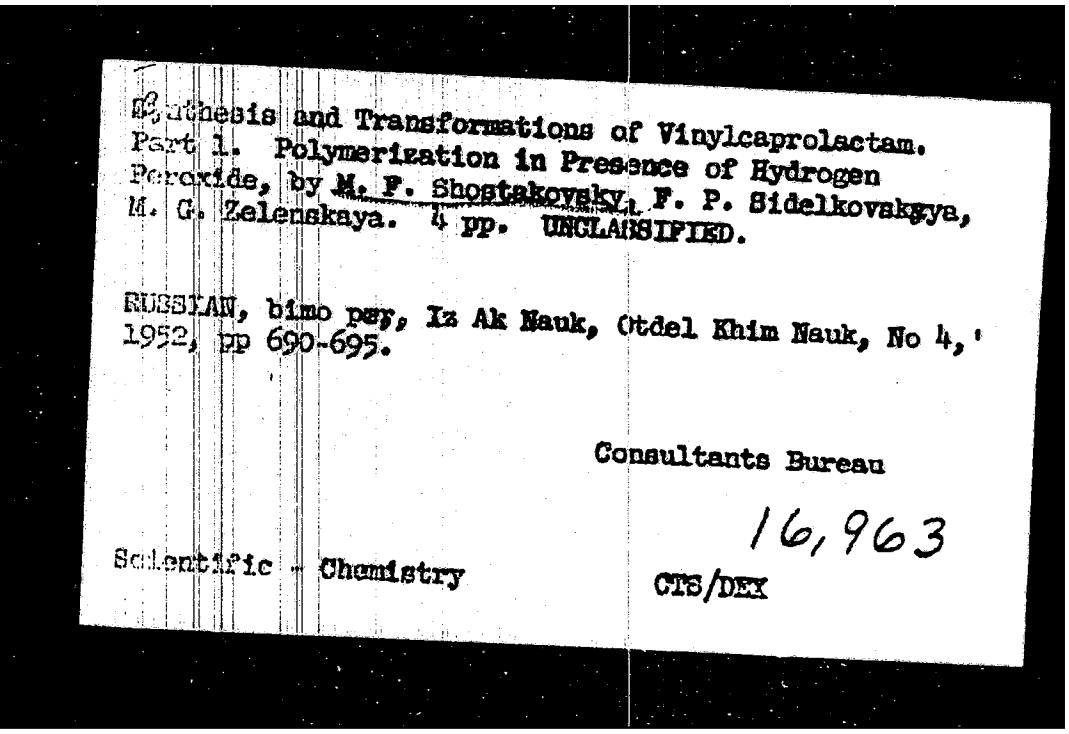

Synthesis and Transformations of Vinylcaprolactam. Part 1. Polymerization in Presence of Hydrogen Peroxide, by M. F. Shostakovsky, F. P. Sidelkovskaya, M. G. Zelenskaya. 4 pp. UNCLASSIFIED.

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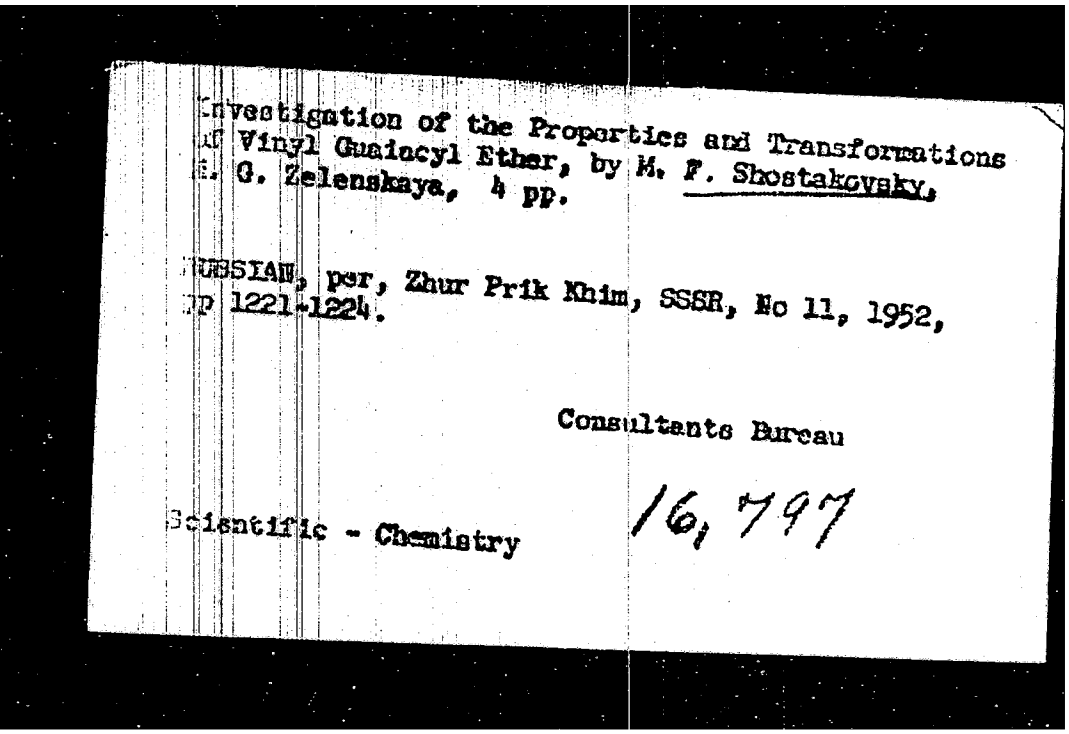

Investigation of the Properties and Transformations of Vinyl Guaiacyl Ether, by M. F. Shostakovsky, E. G. Zelenskaya, 4 pp.

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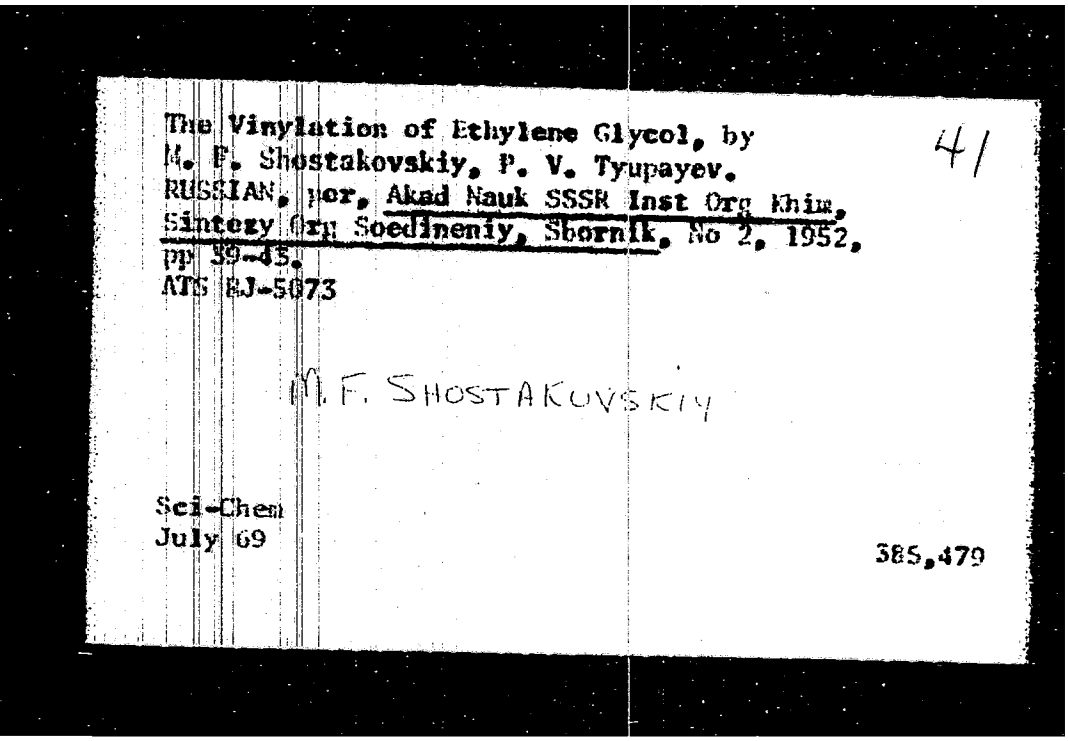

The Vinylation of Ethylene Glycol, by
M. F. Shostakovskiy, P. V. Tyupayev.
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ATS BJ-5073

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M. F. SHOSTAKOVSKIY

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July 69

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Shostakovskii, M. F. and Tyupaev, P. V.
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Synthesis and Properties of Methyl Vinyl Ether, by M. F. Shostakovskiy, P. V. Tyupaev, 8 pp.

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The Hydrolysis of Vinyl Phenyl Ether, M. F. Shostakovsky, A. V. Bogdanova.

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Vol 21, Apr 1951

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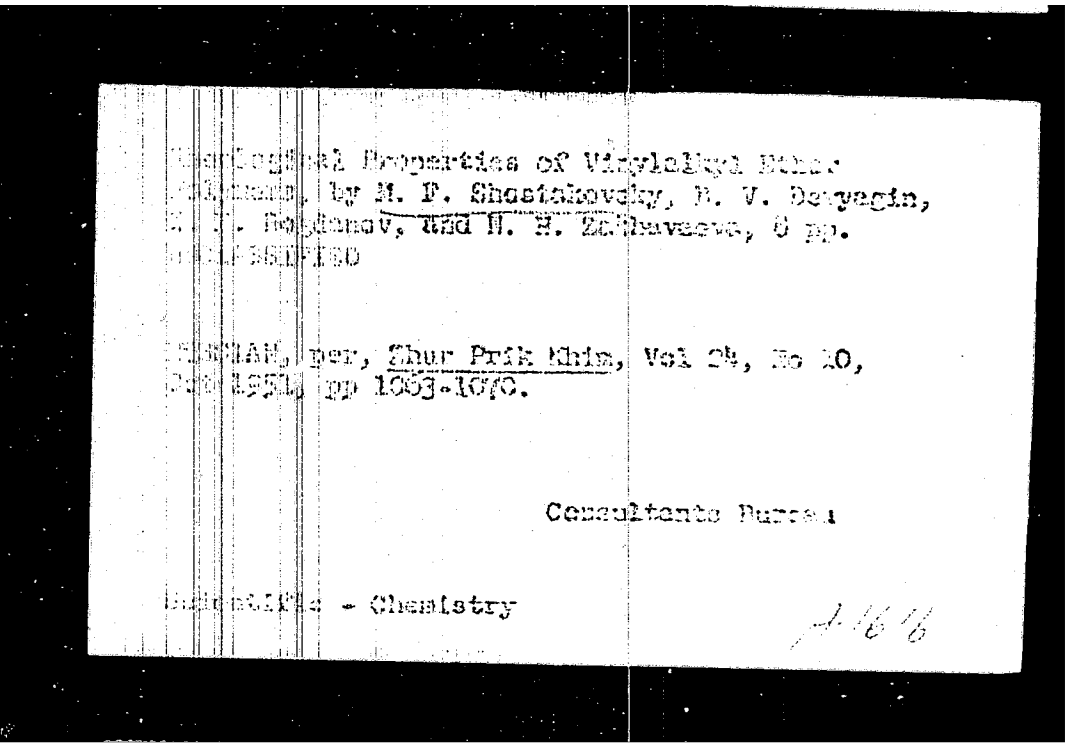

Physicochemical Properties of Vinylalkyl Ethers.
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The Conversion of Vinyl Ethers. V. The Chemical Properties of Incomplete Acylals of the $CH_3CH(OR)(OCOR)$ Type, by M. F. Shostakovsky and N. A. Gershtein, 8 pp

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A-3127

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

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The Synthesis of β,β-Dichloroethyl Alkyl Ethers and Their Transformations. II. The Synthesis of α,β-Dichloroethyl Methyl, α,β-Dichlorodiethyl, and α,β-Dichloroethyl Isopropyl Ethers, by M. F. Shostakovsky, F. P. Sidelkovskaya.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXI, No 9, Sep 1951, pp 1610-1618. CIA D/82339

Consultants Bureau Vol XXI, No 9, Sep 1951

USSR
Scientific - Chemistry, ethers, transformations

A 11004

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

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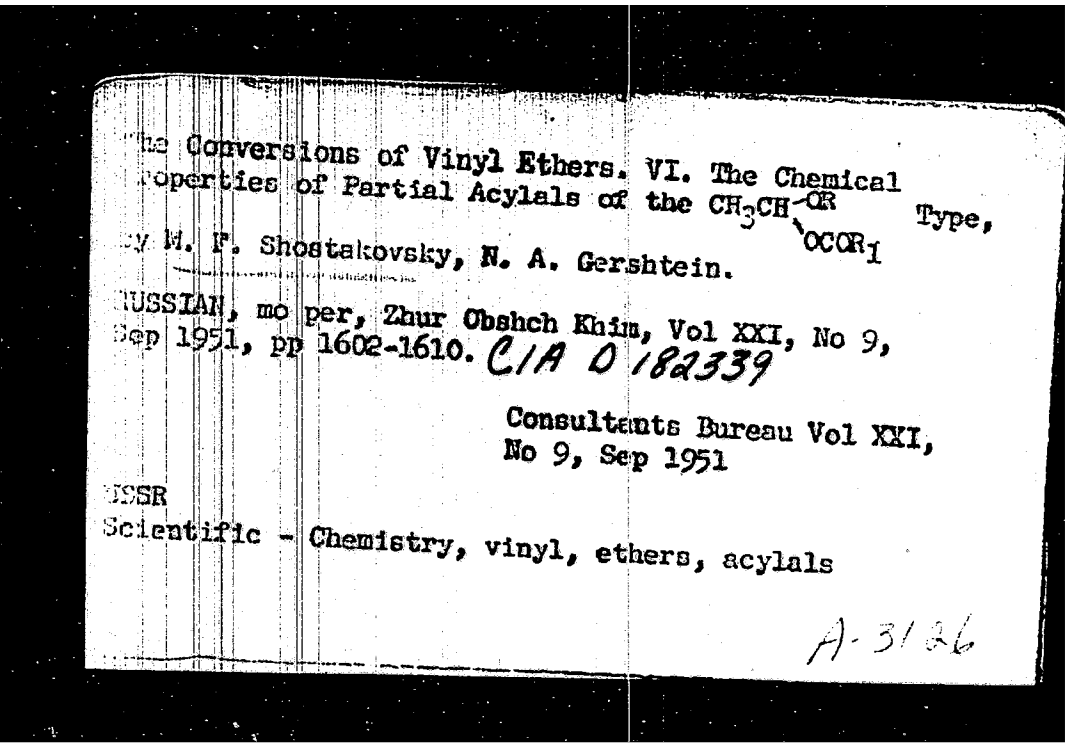

"he Conversions of Vinyl Ethers. VI. The Chemical
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y M. F. Shostakovsky, N. A. Gershtein.

USSIAN, mo per, Zhur Obshch Khim, Vol XXI, No 9,
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Consultants Bureau Vol XXI,
No 9, Sep 1951

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A-3126

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

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Synthesis of Acetals of Chloroacetaldehyde, by M. F. Shostakovsky, F. P. Sidelkovskaya, 3 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 12, Dec 1951, pp 2163-2169. CIA D 182342

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1938

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Decomposition of α-Halogen Ethers II.
α-Halogen Ethly Phenyl Ethers, by M. F. Shostakovsky, A. V. Bodgnnova, 3 pp.

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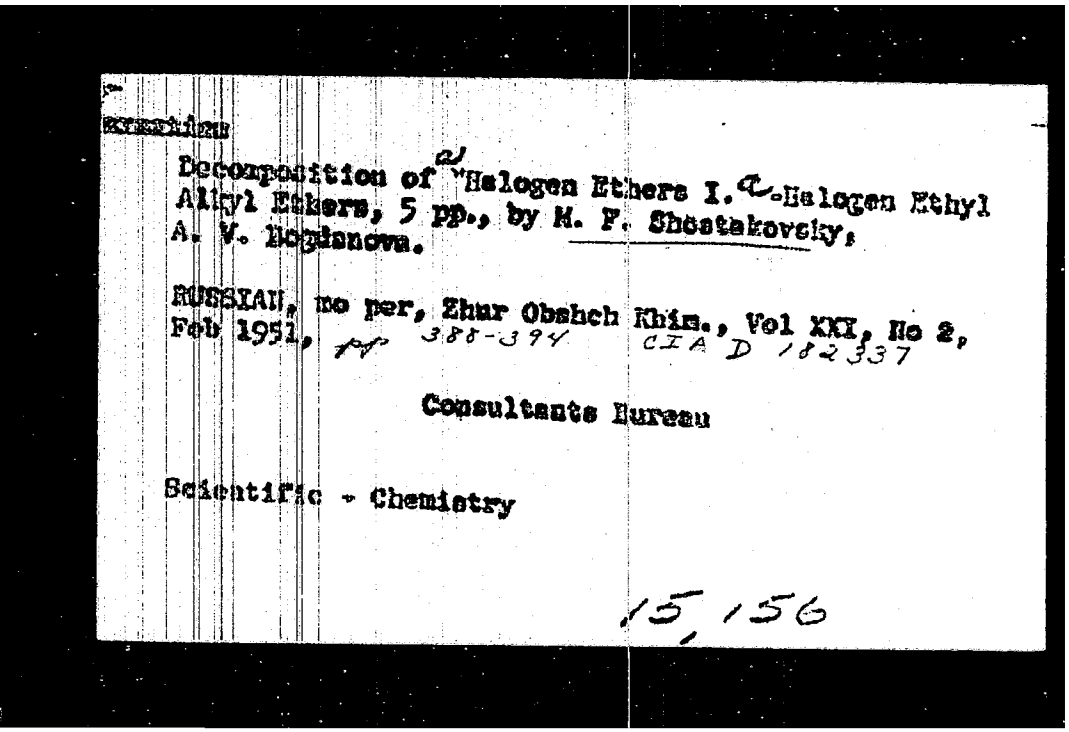

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RUSSIAN, no per, Zhur Obshch Khim., Vol XXI, No 2, Feb 1951, pp 388-394 CIA D 182337

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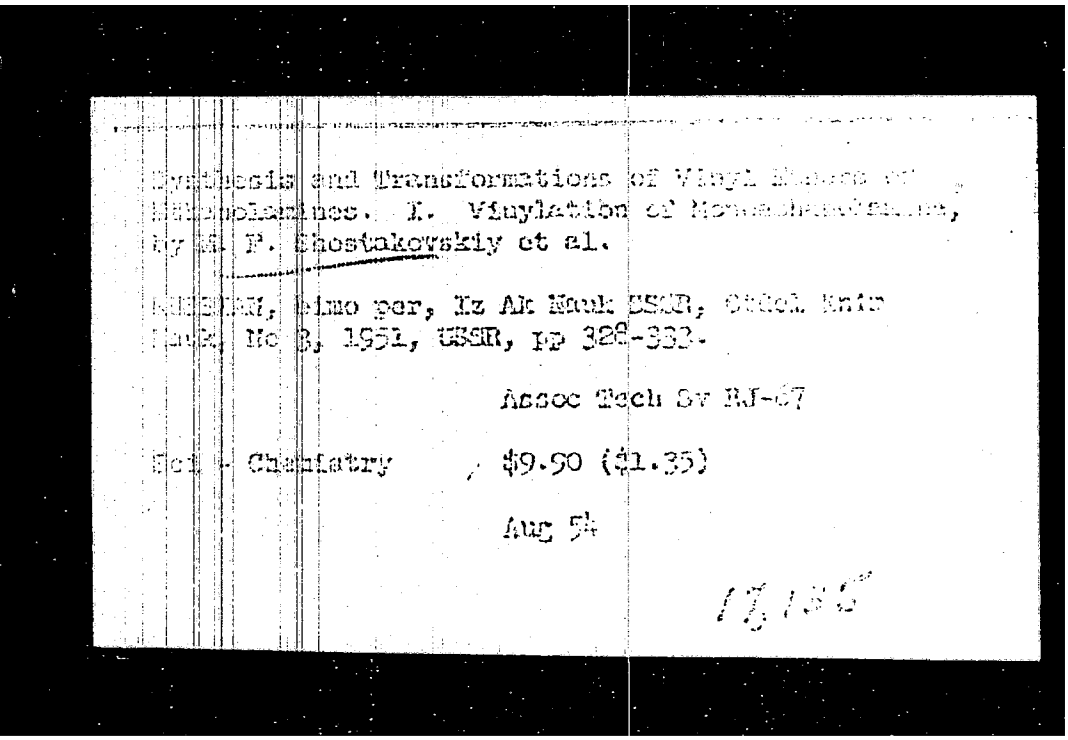

Synthesis and Transformations of Vinyl Ethers of Polyoxyalkylenes. I. Vinylation of Monoalkylethers, by M. F. Shostakovskiy et al.

Izvest Akad Nauk SSSR, Otdel Khim Nauk, No 3, 1951, USSR, pp 328-333.

Assoc Tech Sv RJ-67

Sci - Chemistry

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Aug 51

17,136

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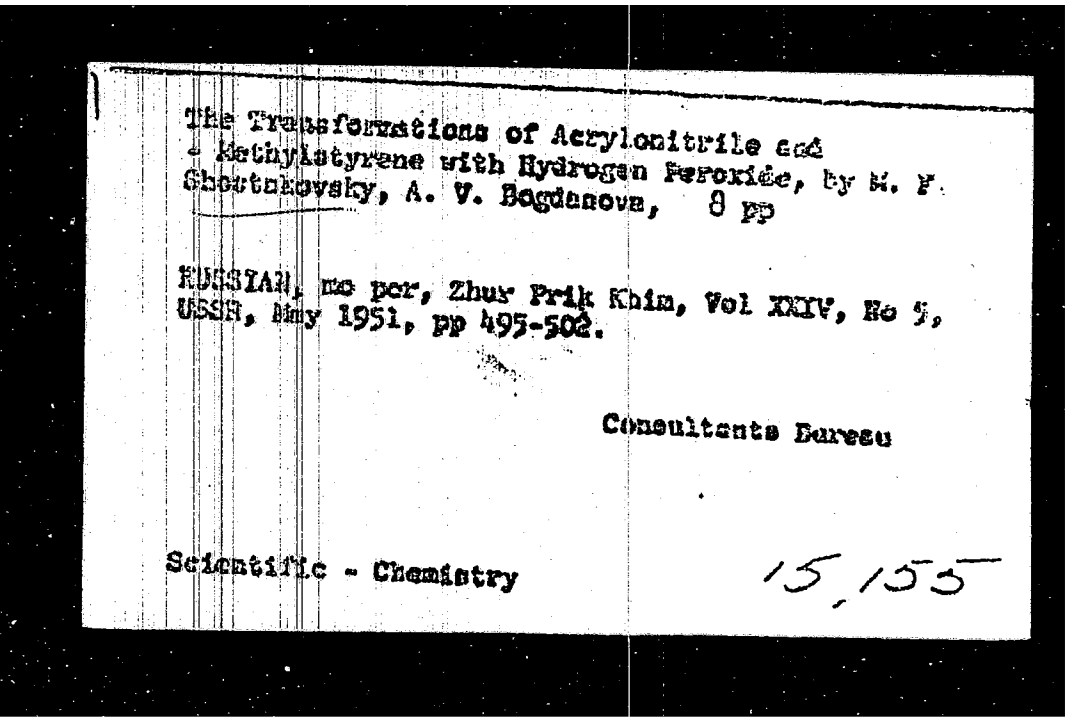

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RUSSIAN, no per, Zhur Prik Khim, Vol XXIV, No 5, USSR, May 1951, pp 495-502.

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Synthesis of Guaiacol Vinyl Ether and Investigation of Its Properties, MxxRx by M. F. Shostakovsky, V..P. Shishkov, M. G. Zelenskaya, 9 pp.

Full translation.

RUSSIAN, per, Zhur Prik Khim, Vol XXIV, No 11, Nov 1951, pp 1166-1172.

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Scientific - Chemistry, alkyl ether, properties

1914

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

SHOSTAKOVSKY, Inst of Org Chem, Lab of Vinyl Compounds, Acad Sci USSR

The Theoretical Principles of the Chemistry of Vinyl Ethers. I. Oxonium Properties of Vinyl Alkyl Ethers

Zhur Obshch Khim, Vol XX, No 4, 1950 (Apr), pp 643-654 CIA D 1802395

Consultants Bureau Translation

A 11006

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

SHOSTAKOVSKY, M. F., SIDELKOVSKAYA, F. P., Lab of Vinyl Compounds, Inst of Org Chem, Acad Sci USSR

The Action of Inorganic Bases upon α, β, Dichloroethyl Alkyl Ethers

Zhur Obshch Khim, Vol XX, No 4, 1950 (Apr), pp 655-661 CZA D 182335

Consultants Bureau Translation

A 11005

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

Investigations in the Domain of the Synthesis and Transformations of a-Halogen Ethers. XIX. a-Halogen-ethyl Phenyl Ethers., by M. F. Shostakovsky, A. V. Bogdanova,

RUSSIAN, no per, Zhur Obshch Khim, Vol XX, No 7, Jul 1950, p 1326.

Consultants Bureau

Scientific - Chemistry

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Investigation in the Domain of the Synthesis and Transformation of o-Halogenethyl Alkyl Ethers. II. a-Bromoethyl Alkyl Ethers., by M. F. Shostakovsky, A. V. Bogdanova.

RUSSIAN, no por, Zhur Obshch Khim, Vol XX, No 7, Jul 1950, [illegible] p 1315.

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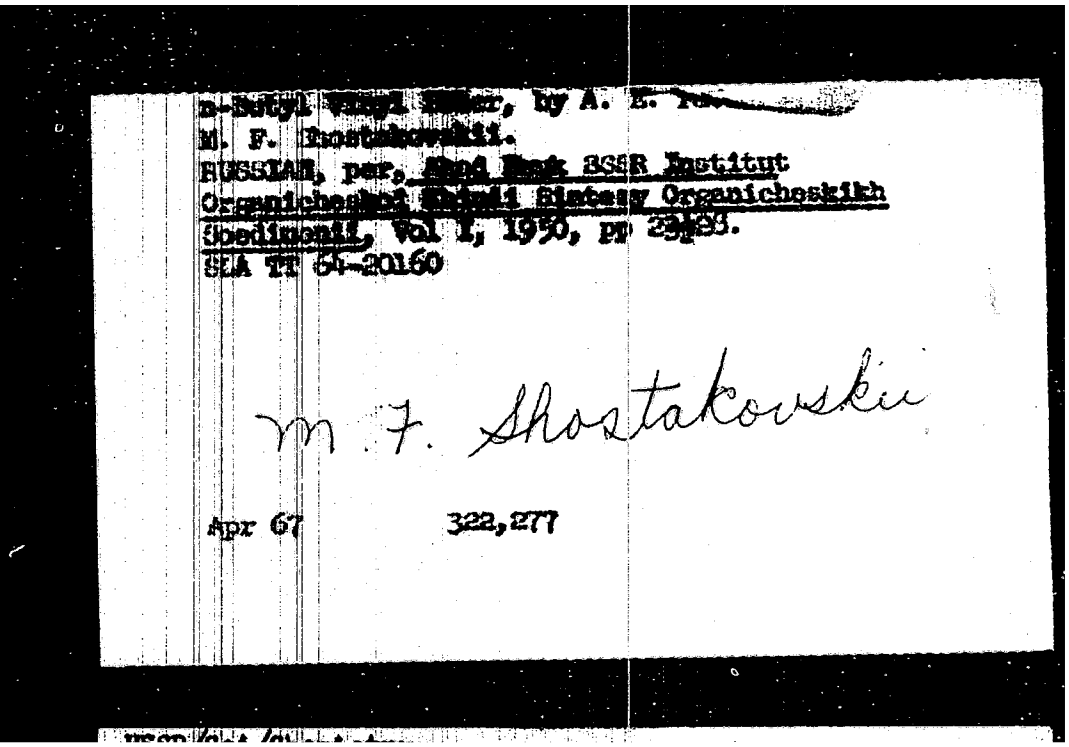

n-Butyl vinyl ether, by A. E. [illegible]
M. F. Shostakovskii.
RUSSIAN, per, Akad Nauk SSSR Institut
Organicheskoi Khimii Sintezy Organicheskikh
Soedinenii, Vol I, 1950, pp 29-33.
SLA TT 54-20160

M. F. Shostakovskii

Apr 67 322,277

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The Reaction of Vinylation of Glycerine, by M.F. Shostakovskiy, E.P. Gracheva, 7 pp([illegible]). UNCLASSIFIED
RUSSIAN, per, Zhur Obshch Khimii, Vol XIX, No 7, 1949.

AMC F-TS-6972-RE

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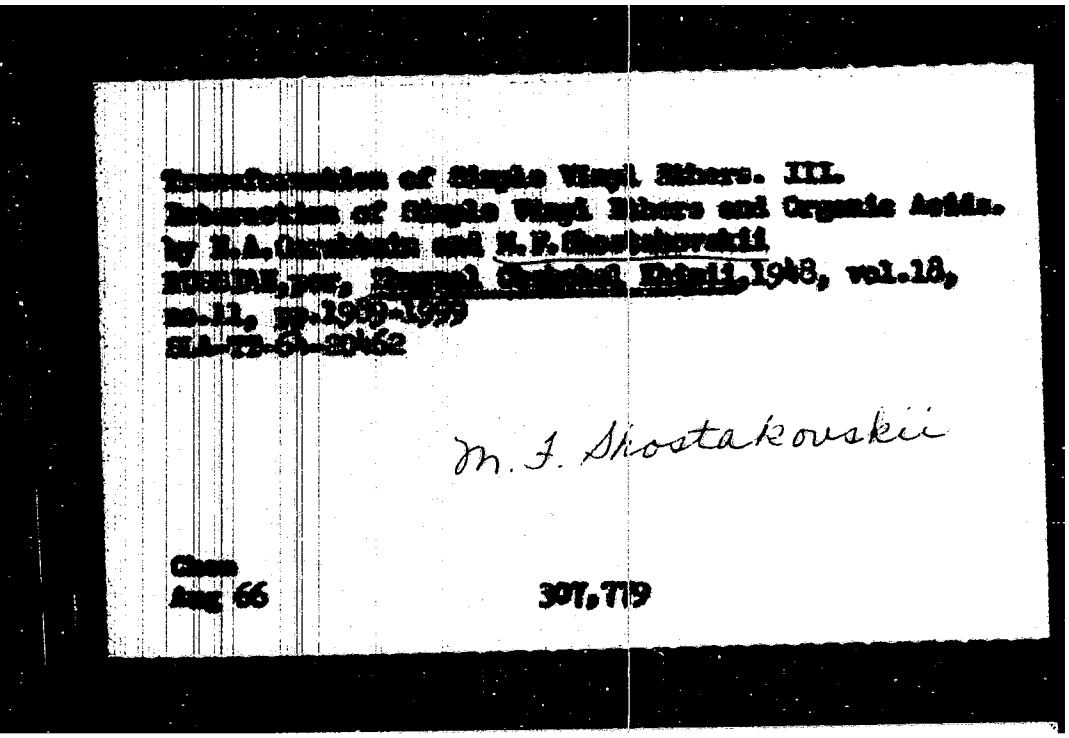

Transformation of Simple Vinyl Ethers. III.
Interaction of Simple Vinyl Ethers and Organic Acids.
by I.A. [illegible] and M.F. Shostakovskii
[illegible], 1948, vol.18,
no.11, pp.1959-1969
Sb-22-6-20462

M. F. Shostakovskii

Chem
Aug 66

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

Shostakovskii, M. F. and Gershtein, N. A.
CONVERSIONS OF VINYL ETHERS. I. SYNTHESIS OF ACETALS FROM VINYL ETHERS. [1961] 11p. 33 refs.
Order from OTS or SLA $1.60 61-20125

Trans. of Zhurnal Obshchei Khimii (USSR) 1946, v. 16, p. 937-950.

DESCRIPTORS: *Acetals, Synthesis, *Ethers, Vinyl radicals, Chemical reactions, Catalysts.

A very simple catalytic method of preparation of acetals from alcohols and vinyl ethers was developed, giving good yields. In the presence of mineral acids this reaction involves intermediate formation of an oxonium complex. In the course of the synthesis of acetals some of their conversions were determined, particularly isomerization and decomposition, the study of which is being continued. (Author)

61-20125

I. Shostakovskii, M. F.
II. Gershtein, N. A.
III. Title: Synthesis...

(Chemistry--Organic, TT, v. 6, no. 11)
Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

Shostakovskii, M. F. and Papok, K. K.
ANTIKNOCK PROPERTIES OF VINYL ETHERS. [1961]
4p. 2 refs.
Order from OTS or SLA $1.10 61-20113

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1946, v. 19, p. 416-419.

DESCRIPTORS: *Ethers, *Vinyl radicals, Antiknock, *Gasoline.

Antiknock properties of vinyl ethers increase with passing from higher alkyls to lower and are also higher for vinyl ethers containing a branched-chain alkyl. Vinyl phenyl ether was found to possess higher antiknock properties than any of the other vinyl ethers investigated. It raised the octane number of straight-run gasoline B-69 more effectively than isooctane, isopropyl ether or benzene. (Author)
(Chemistry--Organic) TT, v. 6, no. 11)

61-20113

I. Shostakovskii, M. F.
II. Papok, K. K.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

Shostakovskii, M. F. and Sidel'kovskaya, F. P.
STUDIES IN THE FIELD OF THE POLYMERIZATION OF SIMPLE VINYL ETHERS: VINYL-ISOBUTYL ETHER (Issledovaniya v Oblasti Polimerizatsii Prostykh Vinilovykh Efirov: Vinil-Izobutilovyi Efir). [1963] [20p] (foreign text included) 7refs
Order from OTS or SLA $1.60 63-20181

Trans. of Zhurnal Obshchei Khimii (USSR) 1943, v. 13, no. 6, p. 428-435.
Abstract trans. is available from OTS or SLA $1.10 as 62-16830 [1962] 4p.

DESCRIPTORS: *Vinyl radicals, *Butyl radicals, Propyl radicals, *Ethers, Polymerization, *Catalysts, *Tin compounds, Chlorides, Density, Refractive index, Viscosity, Saponification, *Polyvinyl alcohol.

(Chemistry--Organic, TT, v. 10, no. 12)

63-20181

1. Title: Vinyl isobutyl ether
I. Shostakovskii, M. F.
II. Sidel'kovskaya, F. P.
III. Title: Vinyl-isobutyl...

61 29

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

A Contribution to the Problem of Vinyl Ethers, I. Synthesis and Properties of Vinyl Ethers, by A. E. Favorskiy, M. F. Shostakovskiy, 42 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XIII, No 1/2, 1943, pp 1-20.

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Shostakovskii, M. F. and Bogdanov, I. F.
POLYMERIZATION OF SIMPLE VINYL ETHERS. I. VINYL BUTYL ETHER. [1963] [21p] (figs omitted) 10refs
Order from OTS or SLA $2.60 63-20173

Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1942, v. 15 [no. 4] p. 249-259.
Abstract trans. is available from OTS or SLA $1.60 in 61-20335 [1961] 14p.

DESCRIPTORS: *Vinyl radicals, *Butyl radicals, *Ethers, *Polymerization, Catalysts, *Iron catalysts, Chlorides, Purification, Density, Refractive index, Viscosity.

(Chemistry--Organic, TT, v. 10, no. 12)

63-20173

I. Title: Vinyl Butyl ethers
I. Shostakovskii, M. F.
II. Bogdanov, I. F.
III. Title: Vinyl . . .

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500050-5

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Synthesis and Properties of Aryl Vinyl Ethers, by M. F. Shostakovskiy, M. S. Burmistrova, 11 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XV, No 4, 1942, pp 260-266.

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Research in Ion Exchange Chromatography
Laws of Adsorption from Solutions under Dynamic Conditions during Separation of Alkaloids by Means of Ion Exchange Resins, by Yu. V. Shostenko, 9 pp.

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Some Peculiarities of Molecular Adsorption From a Flow of Solution, by N. A. Izmailov, Yu. V. Shostenko, 8 pp.

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Spectrographic Investigation of Cardiac Glycosides From Hellebore, by M. Ya. Tropp, Yu. V. Shostenko, D. G. Kolesnikov, 4 pp.

Full translation.

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SHOSTENKO, Yu. V. and the student

URALOVA, I.Ya.

POLAROGRAPHIC INVESTIGATION OF SOME CARDIAC GLYCOSIDES

9 pages pp 143 - 152

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Mikhail Vasil'evich Lomonsov (250th Anniversary of his Birth), by N. A. Shost'in, 3 pp.

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The Laboratory of Electromagnetism of the Physics Department of the University of Moscow, by N. A. Shostin, 4 p.

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Effect of Periodic Circular Apertures and a Thin Dielectri
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Spatial Resonance in a Helix in a Ferrite, by V. P. Shestopalov, B. V. Kondratyev, 20 pp.

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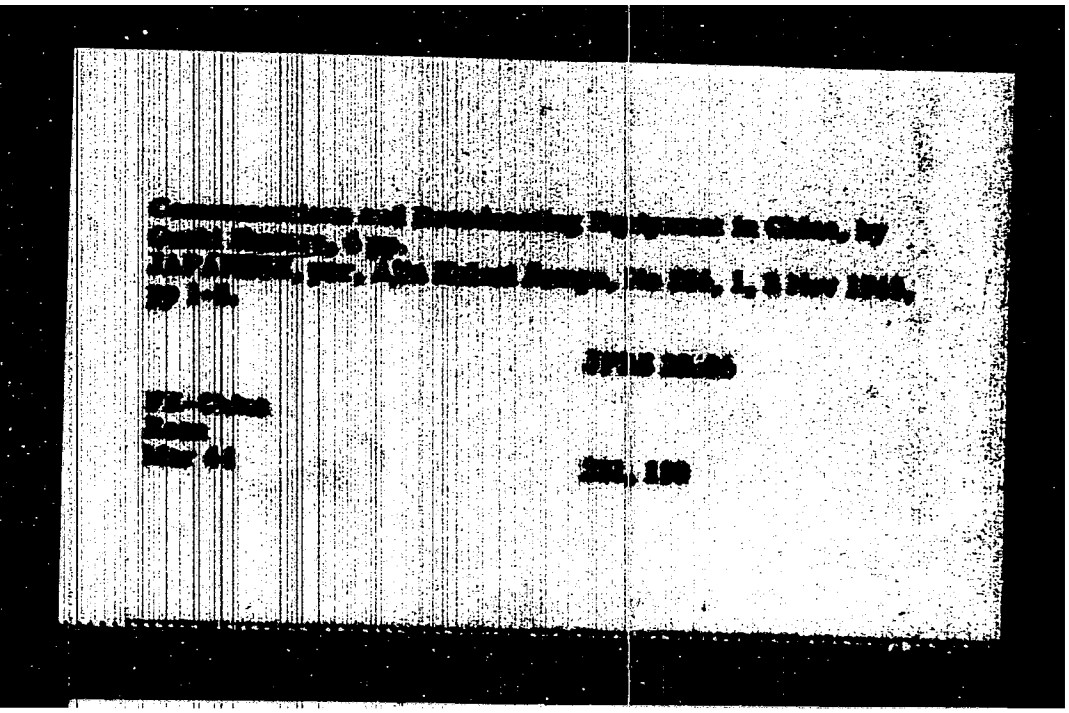

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Thermographic Method for Determining Hydration Heat of Cement, by P. P. Budnikov, S. M. Shotenberg, R. D. Azelitskaya, 15 pp.

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Temperature Dependence of the Tunnel Current in Thin p-n Junctions
By A. P. Shotov and S. P. Grishechkina pp 5

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